

IN THE CLAIMS

The status of the claims is listed below.

Claims 1-13: (Canceled).

14. (Currently Amended) A transgenic potato, wherein said potato contains a genetic construct being able to express a GDH gene, and the total weight of tuber parts of the potato exhibits statistically significant an increase compared to a total weight of tuber parts of an untransformed potato cultured under the same conditions.

15. (Currently Amended) The transgenic potato according to claim 14, wherein said potato contains a genetic construct being able to express a GDH gene, and the total weight of tuber parts of the potato exhibits a 1.5-fold or more increase compared to a total weight of tuber parts of an untransformed potato cultured under the same conditions.

16. (Currently Amended) The transgenic potato according to claim 14, wherein the genetic construct contains a gene encoding GDH functionally connected to a powerful constitutive promoter.

17. (Original) The transgenic potato according to claim 16, wherein the constitutive promoter is CaMV35S promoter.

18. (Original) The transgenic potato according to claim 14, wherein the genetic construct contains Aspergillus nidulans NADP-GDH gene.

19. (Original) The transgenic potato according to claim 14, wherein GDH contains a transit peptide for mitochondria.

Claims 20-25: (Canceled).